

Industrial and Systems Engineering Seminar

Funding Opportunities at the National Science Foundation in Manufacturing and Service Enterprise Systems

Wednesday, May 8

3:15 PM – Refreshments before the Seminar

3:30 PM – Graduate Seminar

Mechanical Engineering Room 4125 A & B



Professor Edwin Romeijn

Program Director

Manufacturing Enterprise Systems and Service Enterprise Systems

Division of Civil, Mechanical and Manufacturing Innovation

National Science Foundation

The Manufacturing and Service Enterprise Systems programs at NSF support research on strategic decision making, design, planning, and operation of manufacturing and service enterprises, respectively. Topics of interest include new models as well as analytical and computational tools for optimal planning, monitoring, control, and scheduling of operations in manufacturing and service enterprises that offer the prospect of implementable solutions. In this talk we will provide an overview of the two programs and describe particular focus areas as well as new research directions. In addition, we will discuss characteristics of successful proposals. Finally, we will address related programs and new initiatives at NSF that can provide funding for research in these areas.

Bio: Edwin Romeijn received his M.S. in econometrics and Ph.D. in operations research from Erasmus University Rotterdam in The Netherlands. He joined the Department of Industrial and Operations Engineering at the University of Michigan in 2008 after being a faculty member at the Department of Decision and Information Sciences at Rotterdam School of Management of Erasmus University of Florida. In addition, he currently serves as program director for the Manufacturing and Service Enterprise Systems programs at the National Science Foundation. He has taught courses in operations research, stochastic processes, applied probability and statistics, supply chain management, and decision support systems. His research focuses on optimization theory and application, in particular in the areas of supply chain optimization and optimization in health care. He is an author of over ninety-five peer reviewed journal publications.